



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

White's Quality Service
FID# 18180, Incident# 201011104
Leaking Underground Storage Tank Program

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100 N. Senate Ave., Indianapolis, IN 46204

Background:

In October of 2010, the Indiana Department of Environmental Management (IDEM) Leaking Underground Storage Tank (LUST) Section and the IDEM Emergency Response Section conducted a joint investigation to determine the source of gasoline vapors that were impacting several homes and businesses in the resort town of French Lick, Orange County, Indiana. A gasoline release at White's Quality Auto Service, 8825 State Road 56, French Lick, Orange County, Indiana, was found to be the source for the vapors.

Actions Taken:

IDEM staff worked closely with French Lick city fire and utility department officials to identify vapor migration pathways and to develop a strategy to mitigate and prevent vapor intrusion and the threat of fire and explosion in affected and potentially affected structures.

Immediate actions included the temporary shut-down of White's Quality Auto Service, the tightness testing of White's Quality Auto Service underground storage tank (UST) system, the recovery of liquid phase hydrocarbons (LPHs) from White's Quality Auto Service UST pit, the recovery of LPH from an interceptor trench installed at White's Quality Auto Service, the passive and forced air ventilation of the city storm sewer, the installation and management of petroleum adsorbent booms installed in the city storm sewer, and the repair of business and home sewer hook-up lines.

Environmental Impacts:

The contamination is characterized as a high priority due to the presence of gasoline free product and petroleum vapors in area sewers. Additionally, subsurface soils and ground water at the station have been impacted by the release.

Next Steps:

With the advancement of soil borings and the installation of ground water monitoring wells, the extent and nature of the gasoline release has been determined. LPHs are mitigated and ground water conditions are being monitored on a quarterly basis. Gasoline vapors are no longer present in business and residential structures, nor are gasoline vapors present in the city sewer. A corrective action plan is currently being evaluated by IDEM.

More Information:**Environmental Issues - Sampling, Gasoline Spills, and Cleanup**

Leaking Underground Storage Tank Program
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IDEM Virtual File Cabinet - To view public records for this site, visit IDEM's Virtual File Cabinet at www.idem.IN.gov/6551.htm, click on Document Search, enter the index as "FID", and enter the Value "18180".

IDEM UST Branch Information - For general information and links to additional resources, visit IDEM's Underground Storage Tanks Web page at www.idem.IN.gov/4999.htm and IDEM's Leaking Underground Storage Tanks Web page at www.idem.IN.gov/4997.htm.

LPH Interceptor Trench

